

**DRAFT Data Assessment Team (DAT) Conference Call Notes**  
**2/21/13 at 11:00 a.m**

Participants: Lucinda Shih (CCWD), Lauren Damon (DFW), Andy Chu, Edmund Yu, Elaine Jeu, Kevin Reece and Norman Lee (DWR), Angie Bourandas and Leigh Bartoo (FWS), Elizabeth Leeper (KMTG on behalf of SLDMWA), RG Fernando (MWD), Eleanor Bartolomeo (SWRCB)

**Sacramento River Salmonid Monitoring**

Preliminary Rotary Screw Trap (RST) Report			
Species*	FWS Red Bluff Diversion Dam RST (Estimated Passage)	DFW Tisdale Weir RST (Catch)	DFW Knights Landing RST (Catch)
Date	1/29/13 to 2/11/13	Monitoring discontinued since 12/15/12.	
Wild CHNF	3,683,624		
Wild CHNLF			
Wild CHNW	191		
Wild CHNS			
Hatchery CHN	Not reported		
Wild SH	47		
Hatchery SH	Not reported		
*Chinook race based on length (Frank Fisher model); CHNF=Fall run, CHNLF=Late-fall run, CHNW=Winter run, CHNS= Spring run, SH = Steelhead; adipose fin clipped indicates hatchery stock; non-adipose fin clipped indicates wild origin. Data subject to revision.			

Overall, there has been a decline in passage for all runs of Chinook salmon at the Red Bluff Diversion Dam.

Graphical summaries of the monitoring data collected at the Sacramento River and at other locations can be found at <http://www.water.ca.gov/swp/operationscontrol/calfed/calfedmonitoring.cfm>. In addition, the biweekly passage reports of juvenile salmonids sampled at the Red Bluff Diversion Dam are available at [http://www.fws.gov/redbluff/rbdd\\_biweekly.aspx](http://www.fws.gov/redbluff/rbdd_biweekly.aspx).

**Delta Fish Monitoring**

Preliminary FWS Trawl and Seine Catch Report from 2/10/13 to 2/16/13				
Species*	Beach Seines	Mossdale Trawl	Sacramento Trawl	Chippis Island Trawl
Wild CHNF	483	5	16	
Wild CHNLF				
Wild CHNW	1			
Wild CHNS	25			
Hatchery CHN				
Wild SH				
Hatchery SH				7
DSM				8 (65 to 73 mm, no expression)
LFS				10 (73 to 123 mm, no expression)
SPLT				4
*Chinook race based on length (Frank Fisher model); CHNF=Fall run, CHNLF=Late-fall run, CHNW=Winter run, CHNS= Spring run, SH = Steelhead, DSM=Delta smelt, LFS=Longfin smelt, SPLT = Splittail; adipose fin clipped indicates hatchery stock; non-adipose fin clipped indicates wild origin. Data subject to revision.				

Information about the Delta fish monitoring data from FWS can also be found at <http://www.fws.gov/stockton/jfmp/>.

## Salvage Monitoring

Preliminary DFW Salvage Report for Salmonids from 2/11/13 to 2/18/13								
	Central Valley Project (CVP)				State Water Project (SWP)			
Species	Adipose Fin Clipped (Hatchery)		Non-Adipose Fin Clipped (Wild)		Adipose Fin Clipped (Hatchery)		Non-Adipose Clipped (Wild)	
	Salvage	Loss	Salvage	Loss	Salvage	Loss	Salvage	Loss
CHNF			7	5				
<b>Total to Date</b>	93	62	16	11	322	1,460	10	46
CHNLF								
<b>Total to Date</b>	165	118	28	18	616	2,780	57	260
CHNW	8	6						
<b>Total to Date</b>	55	44	33	24	91	412	64	288
CHNS								
<b>Total to Date</b>								
CHNU								
<b>Total to Date</b>			8	5				
SH			7	5			4	17
<b>Total to Date</b>	62	42	44	30	20	87	42	182
Notes: -Chinook race based on length (Delta model); CHNF=Fall run, CHNLF=Late-fall run, CHNW=Winter run, CHNS= Spring run, CHNU= Unknown race (Chinook greater than the length-at-date criteria), SH = Steelhead. -Salvage and loss estimates are rounded to the nearest whole fish. -Documentation on how to calculate salvage and Chinook loss can be found at <a href="ftp://ftp.delta.dfg.ca.gov/salvage/Salmon%20Loss%20Estimation/">ftp://ftp.delta.dfg.ca.gov/salvage/Salmon%20Loss%20Estimation/</a> . -Steelhead loss: SWP steelhead loss = salvage x 4.33 and CVP steelhead loss = salvage x 0.68. -Total to date is the total since 10/1/12 (the start of water year 2013). -Data subject to revision.								

Preliminary DFW Salvage Report for Smelt and Other Species from 2/11/13 to 2/18/13				
	CVP		SWP	
Species	Salvage	Total to Date	Salvage	Total to Date
DSM		128		100
LFS				4
SPLT		9		47
GST				
WST		4		6
Notes: -DSM=Delta smelt, LFS=Longfin smelt, SPLT = Splittail, GST=Green sturgeon, WST=White sturgeon. -Salvage estimates are rounded to the nearest whole fish. -Total to date is the total since 10/1/12 (the start of water year 2013). -Data subject to revision.				

The CVP fish facility will be off line with no salvage for two to four hours on 2/22 for maintenance. The plan is to have multiple electricians on this project to keep the interruption to two hours, but it could extend to four hours.

Salvage information is posted on the salvage FTP site (<ftp://ftp.dfg.ca.gov/salvage/>). If you cannot access the FTP site, you can also go to <http://www.dfg.ca.gov/delta/apps/salvage/Default.aspx> and click on "Salvage FTP Site."

## Smelt Monitoring

Smelt Larva Survey #4 was in the field on 2/11 and 2/12. Processing is ongoing and 26 out of 35 stations have been processed so far. From these 26 stations, DFW has collected a total of 4,674 longfin smelt

larvae that ranged in size from 5 to 11 mm. Of this total, 467 longfin smelt larvae were collected at the criteria stations in the central and south Delta. Like in Smelt Larva Survey #3, Smelt Larva Survey #4 exceeded the distribution criteria from the SWP longfin smelt incidental take permit since longfin smelt larvae were collected at more than 8 of the 12 criteria stations in the central and south Delta.

From what has been processed, DFW has yet to detect any delta smelt larvae or adults. For more information about the Smelt Larva Survey, please visit the DFW website:

<http://dfg.ca.gov/delta/projects.asp?ProjectID=SLS>.

### **Smelt Working Group**

The Smelt Working Group met this past Tuesday (2/19) and provided advice to FWS for delta smelt and DFW for longfin smelt.

*Delta Smelt:* At the time of the Smelt Working Group meeting, there were 12 consecutive days where there was no adult delta smelt salvage. Despite this, Old and Middle River (OMR) flow rates varied within those 12 days and the Smelt Working Group was interested in observing salvage trends at the -2,500 cfs range for a couple more days before relaxing the OMR criteria. Therefore, the Smelt Working Group recommended that the OMR flow be maintained at -2,500 cfs with the possibility of relaxing to -3,500 cfs if the adult delta smelt salvage does not exceed four between 2/19 and 2/20. However, FWS did not adopt this recommendation for its 2/20 determination. Instead, FWS determined that the 14-day average OMR flow should be no more negative than -3,500 cfs and the 5-day average OMR flow should be no more negative than -4,375 cfs.

In addition, FWS noted an error in the calculation used to determine the take limits for adult and larval-juvenile delta smelt. Because of this, FWS will issue a corrected incidental take limit for adult and larval-juvenile delta smelt by the end of the week.

*Longfin Smelt:* The Smelt Working Group recommended that OMR flow be maintained at -4,000 cfs for longfin smelt. Currently, the delta smelt recommendation is more restrictive and will be even more protective of longfin smelt.

After reviewing the weekly recommendation for longfin smelt, there was a question on whether there has been added pressure to make the longfin smelt OMR recommendation "tougher" or whether it be held at -4,000 cfs. Lauren Damon (DFW) mentioned that this will be a hard question to answer since you cannot forecast what the conditions are going to be like. The Smelt Working Group will have to evaluate all the new monitoring data before coming up with a new recommendation.

The Smelt Working Group notes and FWS determinations are posted at

[http://www.fws.gov/sfbaydelta/cvp-swp/smelt\\_working\\_group.cfm](http://www.fws.gov/sfbaydelta/cvp-swp/smelt_working_group.cfm).

### **Delta Operations for Salmonids and Sturgeon (DOSS) Working Group**

DOSS did not meet this past week and will meet again next Tuesday (2/26). DOSS notes are posted at <http://www.swr.noaa.gov/ocap/doss.htm>.

### **Operations**

Preliminary Summary for 2/21/13			
SWP		CVP	
Clifton Court Inflow (cfs)	2,500	Jones Pumping Plant (cfs)	2,800
SWP San Luis Reservoir Share (TAF) as of Midnight	446	CVP San Luis Reservoir Share (TAF) as of Midnight	760
San Luis Reservoir Total (TAF) as of Midnight	1,206	American – Nimbus Reservoir Releases (cfs)	2,250
Feather – Oroville Reservoir Releases (cfs)	1,750	Sacramento – Keswick Reservoir Releases (cfs)	3,800
DELTA OPERATIONS			

Outflow (cfs)	~ 12,600	14-day Average OMR Flow as of 2/20/13 (cfs)	-2,040
X2 (km)	72	5-day Average OMR Flow as of 2/20/13(cfs)	-2,374
E/I (%)	23.1% (14-day average)		

A summary of daily operations can also be viewed at <http://www.water.ca.gov/swp/operationscontrol/docs/delta/deltaops.pdf>.

**Next Conference Call:** The next DAT conference call is scheduled on 3/7 at 11:00 a.m. An e-mail update will be sent out before the conference call if an agency representative cannot call in. There will be no DAT conference call next week since CALFED Ops is meeting on 2/27. CALFED Ops information can be found at <http://www.water.ca.gov/swp/operationscontrol/calfed/index.cfm>.

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